

Human CellExp™ Nectin-4, Mouse Recombinant

CATALOG NO: P1477-10 10 µg
P1477-50 50 µg

ALTERNATE NAMES: NECTIN4, LNIR, PRR4, PVRL4

MOL. WT. This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 36.2 kDa. The protein migrates as 38-43 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

SOURCE: HEK 293 cells

PURITY: >95%

ENDOTOXIN: Less than 1.0 EU per µg by the LAL method.

FORM: Lyophilized

FORMULATION: Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

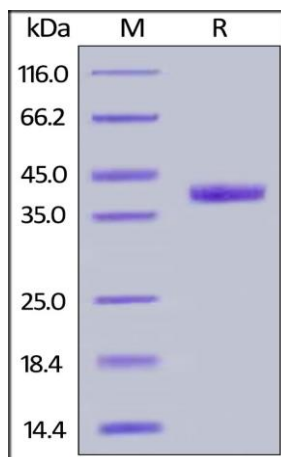
RECONSTITUTION: Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 100 µg/ml. Do not vortex. It is recommended to store at -20°C.

SPECIFIC ACTIVITY: Immobilized Mouse Nectin-4, His Tag at 5 µg/mL (100 µL/well) can bind Human PVRL1 / NECTIN1 Protein, Fc Tag with a linear range of 0.039-1.25 µg/mL

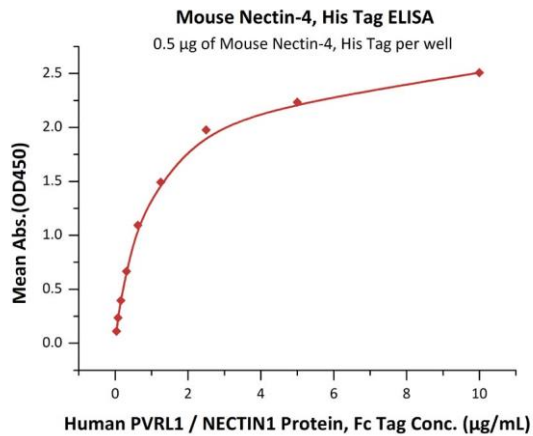
STORAGE CONDITIONS: Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.

DESCRIPTION: Nectin-4 (gene name PVRL4, poliovirus receptor-like 4) is a 66 kDa type I transmembrane glycoprotein belonging to the Nectin family of Ig superfamily proteins. Nectins are cell adhesion molecules that play a key role in various biological processes such as polarity, proliferation, differentiation and migration, for epithelial, endothelial, immune and neuronal cells, during development and adult life. Nectin-4 is a tumor-associated antigen in 50%, 49% and 86% of breast, ovarian and lung carcinomas, respectively, mostly on tumors of bad prognosis. Its expression is not detected in the corresponding normal tissues.

AMINO ACID SEQUENCE: Gly 31 - Ser 347



Mouse Nectin-4, His Tag on SDS-PAGE under reducing (R) condition



Immobilized Mouse Nectin-4, His Tag at 5 µg/mL (100 µL/well) can bind Human PVRL1 / NECTIN1 Protein, Fc Tag with a linear range of 0.039-1.25 µg/mL

RELATED PRODUCTS:

- Human CellExp™ Nectin-4, Human Recombinant (P1389)
- Human CellExp™ CD111 / Nectin-1 / PVRL1, human recombinant (7379)
- Nectin-3/CD113 Antibody (3821)
- Nectin-3/CD113 Blocking Peptide (3821BP)

FOR RESEARCH USE ONLY! Not to be used on humans.